

Sensors & Diagnostics

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See Masato Tominaga *et al.*,
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EDITORIAL

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Introduction to Supramolecular Sensors: From Molecules to Materials

Sankarasekaran Shanmugaraju,* Robert B. P. Elmes*
and Valeria Amendola*

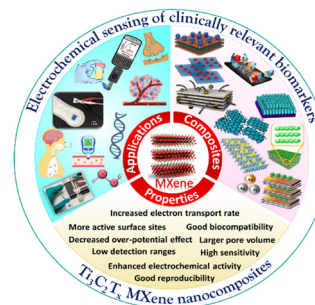


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Anjali Sugunan, Anusree V. Rethnakumaran
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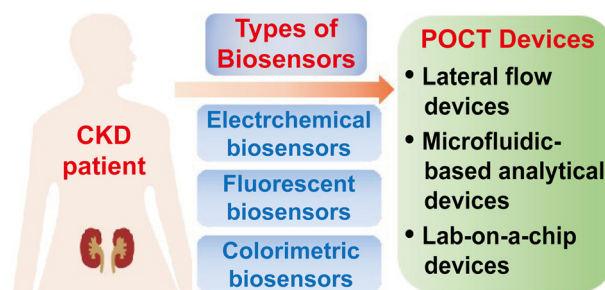


CRITICAL REVIEWS

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Point-of-care biosensors and devices for diagnostics of chronic kidney disease

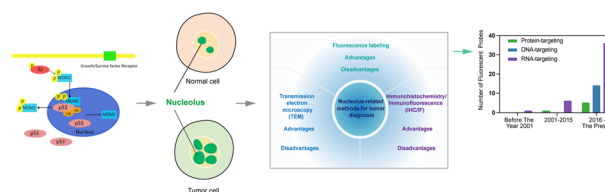
Yuan Liu,* Xiping Zhao, Min Liao, Guoliang Ke* and Xiao-Bing Zhang



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Tumor diagnosis based on nucleolus labeling

Caiwei Jia, Jiani Gao, Dong Xie* and Jin-Ye Wang*

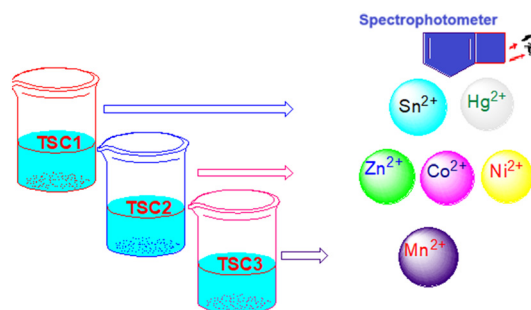


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Novel thiosemicarbazone based sensors for transition metals

Repale Anil Vithal, Ram Kishore, Dongare Suvarna Janardan, N. S. Chundawat, Nitin Srivastava* and Girdhar Pal Singh*

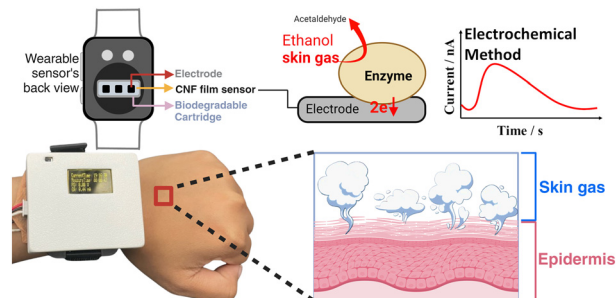


PAPERS

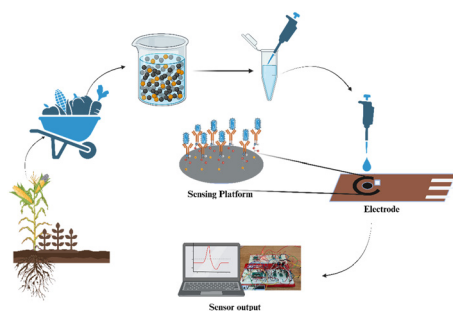
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Highly sensitive flux-type non-invasive alcohol biosensor based on direct electron transfer of PQQ-dependent alcohol dehydrogenases adsorbed on carbon nanotubes

Citra Dewi Rakhmania, Yoshi Izzuddin Azhar, Kenji Shida, Erika Shinchi, Taiki Adachi, Keisei Sowa, Yuki Kitazumi, Osamu Shirai and Masato Tominaga*



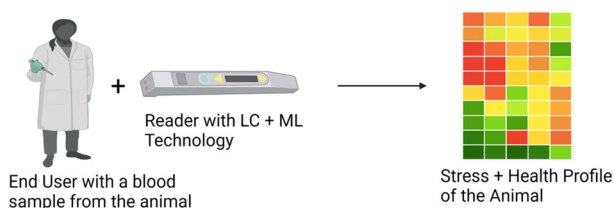
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Development of a portable electrochemical sensing platform for impedance spectroscopy-based biosensing using an ARM-based microcontroller

Joseph Charles Khavul Spiro, Kundan Kumar Mishra, Vikram Narayanan Dhamu, Avi Bhatia, Sriram Muthukumar and Shalini Prasad*

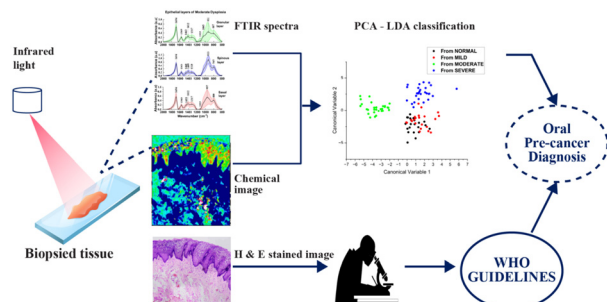
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Prateek Verma, Elizabeth Adeogun, Elizabeth S. Greene, Sami Dridi, Ukash Nakarmi and Karthik Nayani*

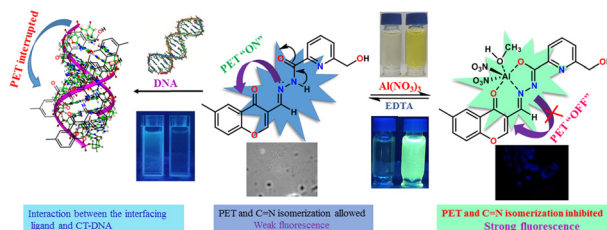
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Modulation of the binding sites for an adaptable DNA interactive probe: efficient chromo-fluorogenic recognition of Al^{3+} and live cell bioimaging

Atanu Maji, Debarpan Mitra, Amitav Biswas, Moumita Ghosh, Rahul Naskar, Saswati Gharami Nabendu Murmu and Tapan K. Mondal*

